

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-11 and 13-15 are pending in the application. Claims 1 and 13-15 are amended by the present amendment. Support for the amended claims can be found in the original specification, claims and drawings.¹ No new matter is added.

In the Office Action, Claims 1-11, 13 and 15 are rejected under 35 U.S.C. § 103(a) as unpatentable over Paul et al. (U.S. Pat. 6,052,709, Paul) in view of He et al. (U.S. Pub. 2003/0182383, He) and Liu et al. (U.S. Pub. 2002/0147780, Liu); and Claim 14 is rejected under 35 U.S.C. § 103(a) as unpatentable over He in view of Kitaura et al. (U.S. Pub. 2002/0091569, Kitaura) and Liu.

As an initial matter, the undersigned appreciatively acknowledges the courtesy extended by Examiner Park in holding a personal interview with the undersigned on August 26, 2008. During the interview, an overview of the claimed invention was provided and proposed claim amendments were discussed. The proposed claim amendments discussed during the interview are incorporated herein. No agreement was reached during the interview pending the submission of a formal response to the Office Action.

In response to the above noted rejections, Applicants respectfully submit that amended independent Claims 1 and 13-15 recite novel features clearly not taught or rendered obvious by the applied references.

Amended independent Claim 1, for example, is directed to a mobile communication terminal that is configured to receive mail from a mail server, and acquire and store detection condition data including a letter string from a detection conditions distribution server. The mobile communication terminal then extracts received mail when a condition, in which the

¹ E.g., specification at least at Figs. 3-4 and 8; and pp. 65-66.

mail includes a letter string conforming to the letter string included in the detection condition data, is satisfied. Independent Claim 1 is further amended to specify that the mobile communication terminal, in part, comprises:

a mail storage unit configured to *store information indicating whether the mail has been extracted by the detection means* and detection result information indicating *a category of content of the mail* that has been extracted; and

detected mail notification processing means for sending information that the mail has been extracted by the detection means and the detection result information indicating *the category of content of the mail* that has been extracted to a detected mail notification receiving server.

Independent Claims 13-15 are amended to recite features similar to those emphasized above. Accordingly, the remarks and arguments presented below are applicable to each of independent Claims 1 and 13-15.

As described, for example, at pp. 65-66 and Figs. 3-4 of the specification, the mobile communication terminal is configured to store information defining a category of content (e.g., adult, advertisement, violence, etc.) of a mail that has been extracted, and this data may be reported to either the detection conditions distribution server and/or the detected mail notification server for subsequent processing and analysis.

In rejecting Claim 1, the Office Action concedes that Paul in view of He “do not teach that a mail storage unit configured (sic) to store information indicating whether the mail has been extracted by the detection means and detecting result information indicating a category of the mail that has been extracted.” In an attempt to remedy these deficiencies, the Office Action relies on Liu and asserts that it would have been obvious to combine Liu with Paul and He to reject Applicants’ claims. Applicants respectfully traverse this rejection as Liu fails to teach or suggest the claimed features for which it is asserted as a secondary reference under 35 U.S.C. § 103.

As noted above, independent Claim 1 is amended to clarify that the terminal includes “a mail storage unit configured to store...detection result information indicating *a category of*

content of the mail that has been extracted; and detected mail notification processing means for sending information ... indicating *the category of content of the mail* that has been extracted to a detected mail notification receiving server.” As noted above, the category corresponds to the content of the mail, and may classify the mail as being categorized as adult, advertisement, violence, etc. This information is used to further customize the mail detecting and extraction processes by forwarding this information to the detected mail notification server.

In rejecting the claimed features directed to the detection result information indicating a category of the mail, the Office Action relies on paragraph [0036] of Liu asserting that the “status code” corresponds to the claimed result detection information. This cited portion of Liu describes that a group of email-scanning servers 340 receives an email message transmitted by the recipient's email gateway 338, and the email message is scanned for viruses and cleaned if necessary. The group of email-scanning servers 340 may add a status code to the header of the scanned and cleaned email message to indicate that the email message is free of virus. The status codes may also indicate that a virus was detected so that notification messages can be sent to the sender, recipient and email administrator. The group of email-scanning servers 340 then transmits the scanned and cleaned email message back to the recipient's email gateway 338.

Thus, the status code in Liu merely indicates whether a message is free of virus and/or that a virus was detected in the message. This code has nothing to do with *the category of content of the message*, whatsoever, as claimed. Therefore, Liu fails to teach or suggest a terminal that includes “a mail storage unit configured to store...detection result information indicating *a category of content of the mail* that has been extracted; and detected mail notification processing means for sending information ... indicating *the category of content*

of the mail that has been extracted to a detected mail notification receiving server,” as recited in amended independent Claim 1.

The Office Action also relies on paragraph [0036] of Liu in rejecting the claimed features directed to the terminal including “*a mail storage unit* configured to store information indicating *whether the mail has been extracted* by the detection means.” In rejecting this feature, the Office Action relies on ll. 7-11 in paragraph [0036] of Liu again noting the “status code indicates that a virus was detected.”

However, as described in Fig. 2 and paragraphs [0028]-[0030] of Liu all of the messages received at the recipient’s email gateway 338 are transmitted to a group of email-scanning servers 340 for virus scanning and virus cleaning, if necessary. Upon scanning each of the messages, the scanned and cleaned email messages (including the status code header) are transmitted back to the recipient's email gateway 338. Thus, none of the messages in Liu are *extracted*, but instead the messages are merely re-routed and scanned for viruses before each are ultimately transmitted back to the recipient’s email gateway 338.

Further, it is unclear what portion of Liu is being relied upon to reject the requirement in Claim 1 that “*the mobile communication terminal comprises... a mail storage unit configured to store information indicating whether the mail has been extracted...*” The cited portion of Liu merely describes interaction between a recipient’s email gateway 338 and a group of email scanning servers 340, and fails to describe a mobile communication terminal, whatsoever, much the contents of such a memory. Further, as noted above, Liu merely describes that a message returned to the recipient’s email gateway 338 includes a status code indicating that the message is cleaned and/or that a virus was detected, and does not indicate that a message has been *extracted*. More particularly, since the status code is included as a header in the message, the status code could not possibly indicate that the

message as been *extracted*, since the message must be received by a user in order for a user terminal to receive and store a status code.

Therefore, Paul and He, even if combined with Liu fail to teach or suggest a mobile communication terminal including “a mail storage unit configured to *store information indicating whether the mail has been extracted by the detection means* and detection result information indicating *a category of content of the mail* that has been extracted; and detected mail notification processing means for sending information... indicating *the category of content of the mail* that has been extracted to a detected mail notification receiving server.” as recited in amended independent Claim 1.

Accordingly, Applicants respectfully request that the rejection of Claim 1 (and Claims 2-11 which depend therefrom) under 35 U.S.C. §103 be withdrawn. For substantially similar reasons, it is also submitted that independent Claims 13 and 15 patentably define over Paul, He and Liu.

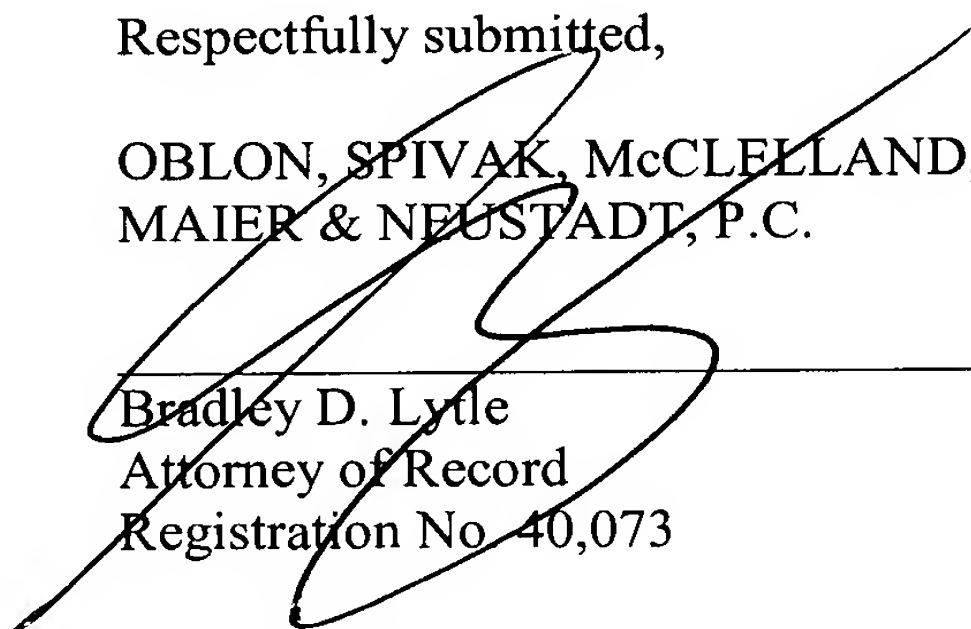
Regarding the rejection of Claim 14 under 35 U.S.C. §103(a) as unpatentable over He in view of Kitaura and Liu. Applicants respectfully submit that amended Claim 14 is patentable over He and Liu for at least the reasons noted above, and Kitaura fails to remedy the above noted deficiencies of He and Liu.

Accordingly, Applicants respectfully request that the rejection of Claim 14 under 35 U.S.C. §103 be withdrawn.

Consequently, in view of the present amendment and in light of the foregoing comments, it is respectfully submitted that the invention defined by Claims 1-11 and 13-15 is definite and patentably distinguishing over the applied references. The present application is therefore believed to be in condition for formal allowance and an early and favorable reconsideration of the application is therefore requested.

Respectfully submitted,

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